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we cannot be surprised at the intimate connection which the spectroscope reveals to us between the physical nature of this star and the carbonous bodies that go to feed it.

It would lead me too far from my purpose to enter into a discussion of the before-mentioned phenomenon; others, with more right, can treat this matter with a knowledge that I do not possess.

Observations of Coggia's Comet = Comet III, 1874, *made at Dunsink Observatory, Dublin.*

1874		Dublin M.T.			R.A.			Decl.			Remarks	Observer
		h	m	s	h	m	s	°	′	″		
June	11	13	41	20·0	7	2	16·63	+69	1	3·4	Very unsteady.	Brünnow.
,,	12	13	39	10·8	7	4	3·62	68	59	55·3		,,
,,	13	13	34	54·9	7	7	40·17	68	56	11·8		,,
,,	14	13	32	47·8	7	9	29·30	68	53	25·0		,,
,,	15	13	28	35·4	7	13	9·33	68	45	41·6	Exceedingly bad atmosphere.	,,
,,	16	13	24	22·8	7	16	49·16	68	34	16·2		,,
,,	17	13	11	21·8	7	27	25·35	+67	26	8·5		Ball.

Dunsink, November 19, 1875.

Discovery and Observations of Eight Minor Planets (149) to (156).

Planet (149) was discovered by M. Perrotin, at the observatory of Toulouse, on September 21, the R.A. and N.P.D. at 8^h mean time of Toulouse, being respectively 23^h 16^m 8^s and 95° 12′. Magnitude 13.

Planet (150) was discovered by Mr. Watson, at Ann Arbor. A telegram announcing its discovery was received in Europe on October 19. Magnitude 10·11. The following early observations have been made in Europe:

1875.							Observed R.A.			l.f.p.	Observed N.P.D.			l.f.p.
		h	m	s			h	m	s		°	′	″	
Oct.	21	9	10	57	M.T.	Düsseldorf	0	59	2·92	...	83	14	51·2	...
	25	9	8	22	,,	,,	0	56	18·09	...	83	35	40·4	...
	26	10	46	2	,,	Pola	0	55	37·60	7·311	83	41	3·8	9·792
	27	13	32	10	,,	Leipzig	0	54	54·53	9·422	83	46	37·3	0·807
Nov.	1	12	52	30	,,	Berlin	0	52	0·73	9·378	84	9	38·0	0·818
	2	9	18	25	,,	,,	0	51	33·87	8·863	84	13	16·4	0·810

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Planet (151) was discovered by M. Palisa, at Pola, on November 1. Magnitude 12. The following are the first observations:

1875.	h m s		Observed R.A. h m s	l.f.p.	Observed N.P.D. ° ′ ″	l.f.p.
Nov. 1	13 24 25	M.T. Pola	3 2 17·04	9·096	71 39 34·9	0·604
2	10 37 26	„ Berlin	3 1 23·69	9·196	71 40 59·1	0·708

Planet (152) was discovered by M. Paul Henry, at Paris, on November 2. Magnitude 12. Its observed place at 11^{h} 0^{m} mean time of Paris was R.A. = 2^{h} 38^{m} 17^{s}, and N.P.D. = 74° 35′. Motion small in polar distance.

Planet (153) was discovered by M. Palisa, at Pola, on November 2. Magnitude 12·5. Its observed place at 12^{h} 40^{m} mean time of Pola was R.A. = 3^{h} 1^{m} 28^{s} and N.P.D. = 72° 25′.

Planet (154) was discovered by M. Prosper Henry, at Paris, on the evening of November 4. Magnitude 12. The following observations of R.A. and N.P.D. were approximate, owing to unfavourable weather:

		h	R.A. h m s	N.P.D. ° ′
1875	Nov. 4	10	2 28 46	73 31
	6	8	2 26 57	73 32

Planet (155) was discovered by M. Palisa, at Pola, on November 8, and was of the 12th magnitude. The following are the original observations:—

1875.	Mean Time at Pola. h m s	Observed R.A. h m s	l.f.p.	Observed N.P.D. ° ′ ″	l.f.p.
Nov. 8	15 21 9	3 0 9·51	9·552	70 52 15·3	0·668
	16 3 6	3 0 7·58	9·599	70 52 10·3	0·696

Planet (156) was discovered also by M. Palisa, at Pola, on November 22. The telegram gives its R.A. for November 23 as 2^{h} 54^{m}, and its N.P.D. 70° 30′. It had a southerly motion in declination, and its magnitude was the twelfth.

E. D.

Burlington House, London,
1875, *November* 25.

Corrections to Mr. De La Rue's "Auxiliary Tables for Determining the Position of the Sun's Axis, and the Latitude and Longitude of the Earth referred to the Sun's Equator."

☉ ° ′				
☉ 90 50	for	diff. 4·71	read	4·70
169 40	„	50·77	„	50·27
50	„	52·69	„	52·19

Page 1, last line:—For "Heliographical Longitude of the Earth," read "Longitude of the Earth referred to the Sun's Equator."

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